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— of inventorship (Rule 4.17(iv)) for US only

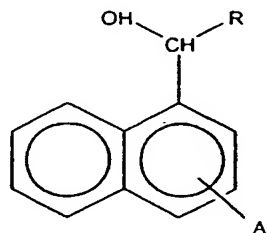
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For two-letter codes and other abbreviations, refer to the "Guid-  
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ning of each regular issue of the PCT Gazette.

(54) Title: TREATMENT OF CANCER WITH MEFLOQUIRE



(I)

(57) Abstract: Cancers, particularly solid tumors (e.g., breast, lung, renal, colon and ovarian cancers and melanomas) and cancers of the hematologic system, e.g., hemopoietic cancers such as leukemias, lymphomas or myelomas, are treated by administration of a therapeutically effective amount of a compound having the formula (I): (I) in which the quinoline ring is substituted by from one to three groups selected from halogen and trifluoromethyl (designated in the formula by "A"), and is optionally further substituted by one or more other moieties and R is (a) NR<sub>1</sub>R<sub>2</sub> in which R<sub>1</sub> and R<sub>2</sub> are independently hydrogen or C<sub>1</sub>-C<sub>4</sub> alkyl; (b) 2-piperidyl, (c) 2-pyridyl, and (d) 5-(ethyl or vinyl)-quinuclidin-4-yl; an enantiomer of such a compound; a pharmaceutically acceptable salts of such a compound or of an enantiomer thereof; a prodrug of such a compound or of an enantiomer thereof; a metabolite of such a compound or of an enantiomer thereof; and mixtures of two or more of the foregoing. A particularly preferred compound is mefloquine.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/15995

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A 61K 31/47

US CL : 514/314

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/314

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,278,173 A (DAVIS) 11 January 1994. See entire document and col. 3, line 25.	1-32, 34

☐

Further documents are listed in the continuation of Box C.

☐

See patent family annex.

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